AUTONOMIC LOGISTICS (AL)

DESCRIPTION

The Autonomic Logistics (AL) system will enable Marine Corps ground tactical equipment to autonomically monitor and report health and logistics needs to key decision makers. A key element of the enterprise logistics modernization efforts, the AL vision combines Sense and Respond Logistics with Condition Based Maintenance to provide enhanced visibility, logistical support, diagnostics, and prognostics. Optimizing support and sustainment is dependent on the accelerated delivery of actionable information whose collection and analysis is not burdensome to the warfighter. This information is exploited through the capability resident in the Global Information Grid to create situational awareness critical to Marine Corps and Joint Force commanders and to deliver Joint Logistics to the point of need with precision.

OPERATIONAL IMPACT

AL transforms delivery of Joint Logistics by providing critical insight to decision makers. Armed with a clearer picture of combat potential available with AL, commanders can leverage their resources to maximize warfighting effects.

PROGRAM STATUS

The Marine Corps has awarded a contract for Block I of Autonomic Logistics (aka Embedded Platform Logistics System) which will provide hardware and software to collect and process operational status and system health. Block I will provide the capability to 878 Light Armored Vehicle, 1057 Assault Amphibious Vehicle, and 5204 Medium Tactical Vehicle Replacements. AL Block I will is scheduled for production in fiscal year 2009.

AL Block II capabilities will include the ability to feed AL data into the Global Combat Support System-Marine Corps, automating the process of requesting repair parts and support services. AL Block III capabilities will include the ability to feed AL data into Global Command and Control System, providing enhanced platform readiness information for use in current and future operational planning.

Procurement Profile:	FY2008	FY2009
Quantity:		
LAV	878	TBD
AAV	1,057	TBD
MTVR	5,204	TBD

Developer/Manufacturer:
Lockheed Martin Simulation and Training Systems, Orlando, FL